PISC Time Period Years		4								
Testing and Monitoring Cost										
					Deep W	'ell				
			Ground	d Water	Samplin	g	Deep	Well		
	Ground W	Ground Water		Report		Oversight &		Sample		e Line
	Sampling		Generation Report		Collection		Logs			
Professional Fees	\$	2,725	\$	3,730	\$	11,120	\$	40,000	\$	50,000
KEI Equipment & Expenses	\$	2,171	\$	75	\$	2,438				
Laboratory Fees	\$	4,642			\$	3,174				
Waste Disposal	\$	173								
Workover Rig Mobilization				·				·	\$	80,000
Cost Per Event	\$	9,711	\$	3,805	\$	16,732	\$	40,000	\$	130,000

			Number		
Annual Testing & Monitoring Cost			Events/Yr	Cost/	Year
Ground Water Sample 1 Event	\$	13,516	2	\$	27,032
Deep Well Sample 1 Event	\$	56,732	1	\$	56,732
Wire Ling Logs	\$	130,000	1	\$	130,000
Total Cost/Yr				\$	213,764
Cost for PISC period				\$	855,056
			Number		
Periodic Testing			Events/PISC	Cost	
Seismic Evaluation 4 sq mile					
area				\$	479,436
Plume Area Seismic Cost			1	\$	958,872
Total PISC T&M Costs				\$	1,813,928

	Injection Well Plugging			
Plug #	Item	Cost per well		
	Schlumberger CO2 Resistant Concrete			
1-3	(includes pumping) (2 Days)	\$	351,010	
	Class H Cement Plug (inlcudes pumping)			
4-9	(1 day)	\$	32,427	
	Workover rig mob	\$	10,000	
	Rig time 7 days/3,500 per day	\$	24,500	
	ВОР	\$	2,000	
	Work String	\$	7,000	
	Power Tongs	\$	5,000	
	De Mob rig	\$	10,000	
	Total Cost	\$	441,937	
			000 0-1	
	Total Cost (2 injection)	\$	883,874	

Total Financial Responsibility Costs	
Injection Well Plugging	\$ 883,874
PISC and Site Closure	
Monitor Well Plugging	\$ 1,051,728
Site Remediation	\$ 777,000
PISC Testing & Monitoring	\$ 1,813,928
Total Cost	\$ 3,642,656
Emergency and Remedial Response	\$ 9,378,796
Total Cost	\$ 13,905,326

Well Site Remedi	ation	
Item	Cost	per Pad
Removal of pad material,		
replacment with topsoil		
and final grading	\$	129,500

Confinement Monitoring	Well Plu	ıgging
Item	Cost	<u> 1661116</u>
Class H Cement Plug (inlcudes		
pumping) (1 day)	\$	32,427
Wednesday to		10.000
Workover rig mob	\$	10,000
Rig time 5 days/3,500 per day	\$	17,500
ВОР	\$	2,000
Work String	\$	7,000
Power Tongs	\$	5,000
De Mob rig	\$	10,000
Total Cost	\$	83,927
Total Cost (2 Wells)	\$	167,854

	Formation Monitoring Well Plug	gging	•
Plug #	Item	Cost	per well
	Schlumberger CO2 Resistant		
	Concrete (includes pumping) (2		
1-3	Days)	\$	351,010
	Class H Cement Plug (inlcudes		
4-9	pumping) (1 day)	\$	32,427
	Workover rig mob	\$	10,000
	Rig time 7 days/3,500 per day	\$	24,500
	ВОР	\$	2,000
	Work String	\$	7,000
	Power Tongs	\$	5,000
	De Mob rig	\$	10,000
	Total Cost	\$	441,937
	Total Cost (2 Wells)	\$	883,874

USDW Remdiation Cost Estimiate						
Item	Cost		Note			
Planning and Permitting	\$	798,000				
Leak Investigation /						
Hydrogeological Study	\$	1,994,200	10 wells install and Sample			
Well Installation & Modifications	\$	1,126,025	4 extraction wells install, injection well convert			
Extraction Pumps - 10 GPM/well,						
2400 Ft, 40 GPM total	\$	819,700	4 Ext. pumps install and electric service			
			4 water wells w/ pumps; inj. Pump and electic			
Injection Water Source	\$	307,200	service			
Extraction Fluid Treatment (40						
GPM, Adsorption - 2 yrs	\$	245,970	Treatment system & media change outs			
Site Improvement - Office /						
Treatment Buildings	\$	774,850	Elec Svc, treatment trailer, office trailer, fencing			
Excavation Wor - Remediation						
System Install	\$	131,560	Trenching to wells for water and elec. Piping			
Operations, Maintenance,						
Monitoring of Remed. System	\$	1,353,158	2.25 Yrs O&M			
System Decommisioning - Site		_				
Restoration	\$	265,000	Removal			
Total	\$	7,815,663				
20% Contingency	\$	9,378,796				